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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/551,547	04/18/2000	Takanobu Ihara	040373/0280	2187,

22428 7590 07/02/2003

FOLEY AND LARDNER
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

GESESSE, TILAHUN

ART UNIT	PAPER NUMBER
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2684

DATE MAILED: 07/02/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/551,547

Applicant(s)

IHARA, TAKANOBU

Examiner

Tilahun B Gesesse

Art Unit

2684

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 April 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) 3 and 5 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6-11 and 20 is/are rejected.
- 7) ☒ Claim(s) 12-19 and 21-28 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 April 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 9.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Claim Objections

1. Claims 8,10,16 and 20 are objected to because of the following informalities: the claims are depend on canceled claim. Appropriate correction is required. Since the indicated dependent claims has unknown dependency, these claims are not addressed in the rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

4. Claims 1-2,4,6-7,9,11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jonsson (5,839,067) in view of Kim et al (us 5,375,162).

As to claims 1-2,4,6 Jonsson discloses a private branch exchange system (1) comprising: Jonsson discloses allows one or more mobile wireless handsets and one or more wireline phones to function together as extension phones (fig.7 and disclosure). Jonsson does not specifically disclose plurality of mobile station line set for extension number. However, Kim, in a similar field of endeavor, discloses plurality of mobile stations (71-79) each having a plurality of extension numbers (41-49) and disclose the number of extension telephone 41 to 49 and a pager corresponding to each respective specific number is allocated to each of extension telephone, incoming call to extension telephone 49, in the case of not mapping a groups 71 to 79 on the extension subscriber telephone 49, the called extension subscriber puts the specific number and a delimiter in response to the incoming call into any extension subscriber telephone, PBX system 31 connects the communication path between the calling and called subscriber (col.3 line 34-col.4 line 25). Therefore, it would have been obvious to a person of ordinary skill in the art at the time of invention was made to assign or set different lines to plurality of extension numbers, as evidenced by Kim, Since mobile station has capability of moving and convenience to access which making a call and receiving a call, it is great improvement over the wired extension.

As to claims 7,9,11 Jonsson does not specifically disclose plurality of mobile station line set for extension number. However, Kim, in a similar field of endeavor, discloses plurality of mobile stations (71-79) each having a plurality of extension numbers (41-49) and disclose the number of extension telephone 41 to 49 and a pager corresponding to each respective specific number is allocated to each of extension

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telephone, incoming call to extension telephone 49, in the case of not mapping a groups 71 to 79 on the extension subscriber telephone 49, the called extension subscriber puts the specific number and a delimiter in response to the incoming call into any extension subscriber telephone, PBX system 31 connects the communication path between the calling and called subscriber (col.3 line 34-col.4 line 25). Therefore, it would have been obvious to a person of ordinary skill in the art at the time of invention was made to assign or set different lines to plurality of extension numbers, as evidenced by Kim, Since mobile station has capability of moving and convenience to access which making a call and receiving a call, it is great improvement over the wired extension.

Allowable Subject Matter

5. Claims 12-19,21-28 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

6. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Dufour et al discloses PBX with wireless means and extension number with private numbe (col.10 lines 28-68 and fig.5).

Rippstein discloses plurality of mobile terminals and extension number exchange coming call (fig.3).

8. *Any response to this action should be mailed to:*

*Commissioner of Patents and Trademarks
Washington, D.C. 20231*

Or faxed to:

(703) 872-9314, (for formal communications intended for entry)


Or:

*(703) 746-6042 (for informal or draft communications, please label
"PROPOSED" or "DRAFT")*

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor, (Receptionist). Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tilahun Gesesse whose telephone number is (703) 308-5873. The examiner can normally be reached on Monday-Friday from 8:00 am to 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's acting supervisor, Nay, Maung, can be reached on (703) 308-7745. The fax phone number for this Group is (703) 872-9314. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 306-0377.

TBG

June 16, 2003


Tilahun Gesesse
TILAHUN GESESSE
PATENT EXAMINER